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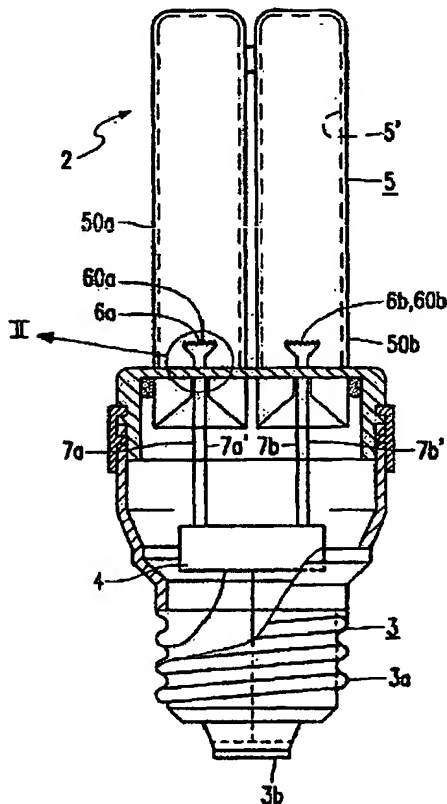
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CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH,
GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC,
LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW,
MX, MZ, NI, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD,
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UZ, VC, VN, YU, ZA, ZM, ZW.

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(54) Title: LOW-PRESSURE GAS-DISCHARGE LAMP HAVING AN ELECTRODE



(57) Abstract: A low-pressure gas-discharge lamp provided with a gas-tight discharge vessel that contains a gas filling, with electrodes for maintaining a gas discharge in the discharge vessel, at least one of which electrodes is arranged inside the discharge vessel and comprises a coil having a core made from a first metallic refractory material that has a first electronegativity, having a surrounding winding made from a second metallic refractory material that has a second electronegativity, having a coating of an electron-emitting material arranged between the core and the winding and having current feeds, and with means for starting and maintaining a gas discharge. The invention also relates to an electrode.

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INTERNATIONAL SEARCH REPORT

International Application No

PCT/03/03106

A. CLASSIFICATION OF SUBJECT MATTER
 IPC 7 H01J61/067

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H01J

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	PATENT ABSTRACTS OF JAPAN vol. 018, no. 003 (E-1485), 6 January 1994 (1994-01-06) & JP 05 251042 A (HITACHI LTD), 28 September 1993 (1993-09-28)	1,2,4,7
A	abstract	3,5,6
X	GB 733 853 A (HERMANN EDUARD KREFFT) 20 July 1955 (1955-07-20) page 1, line 10-25 page 2, line 29 - line 120 figures 1-6	7
A	US 2 740 914 A (ERNEST MILES EDWARD ET AL) 3 April 1956 (1956-04-03) the whole document	1,6
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☒ Further documents are listed in the continuation of box C.

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	EP 1 104 933 A (PHILIPS CORP INTELLECTUAL PTY ;KONINKL PHILIPS ELECTRONICS NV (NL)) 6 June 2001 (2001-06-06) cited in the application the whole document ---	1-7
A	US 2 306 925 A (AICHER JOHN O) 29 December 1942 (1942-12-29) the whole document -----	1-7

INTERNATIONAL SEARCH REPORT

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PCT/93/03106

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GB 733853	A	20-07-1955	NONE	
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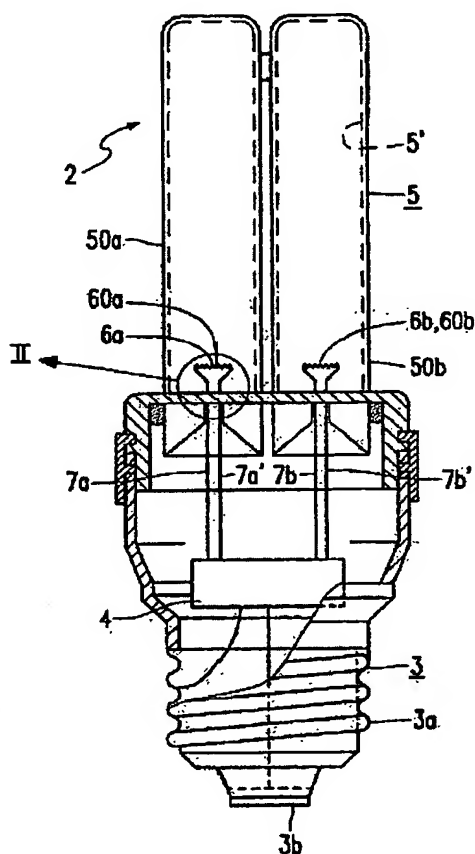
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